



U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

**SECOND SUPPLEMENTAL
INFORMATION DISCLOSURE STATEMENT**
(Use several sheets if necessary)

ATTY. DOCKET NO.
890050.454

APPLICATION NO.
10/748,979

APPLICANTS

Koji Mishima et al.

FILING DATE

December 30, 2003

GROUP ART UNIT

~~2655~~ 1756

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>he</i>	AA	3,959,799	05/28/76	Gambino et al.	346	135	
<i>he</i>	AB	4,357,616	11/02/82	Terao et al.	346	135.1	
<i>he</i>	AC	4,477,819	10/16/84	Lee et al.	346	76 L	
<i>he</i>	AD	4,587,533	05/06/86	Nakane et al.	346	135.1	
<i>he</i>	AE	4,647,947	03/03/87	Takeoka	346	135.1	
<i>he</i>	AF	4,670,345	06/02/87	Morimoto	428	411.1	
<i>he</i>	AG	4,771,413	09/13/88	Nago	369	109	
<i>he</i>	AH	4,772,897	09/20/88	Ohkawa	346	135.1	
<i>he</i>	AI	5,194,363	03/16/93	Yoshioka et al.	430	271	
<i>he</i>	AJ	5,208,088	05/04/93	Tominaga et al.	428	64	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
AK	57-022095	02/04/82	JP (Abstract in English only)			
AL	57-027788	02/18/82	JP (+ Abstract in English)			
AM	58-220794	12/22/83	JP (+ Abstract in English)			
AN	59-225992	12/19/84	JP (+ Abstract in English)			
AO	60-160036	08/21/85	JP (+ Abstract in English)			
AP	0 068 801 B1	09/10/86	EP			
AQ	62-28941	02/06/87	JP (+ Abstract in English)			

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AR	Inoue, H., et al., "Inorganic Write-Once Disc for High Speed Recording." Jpn. J. Appl. Phys. Vol. 42, part 1, no. 2B, pp. 1056-1061, February 2003.
AS	Yoshii, K., et al., "Investigation of Hole Formation on Cr/Al, Si/Al, and C/Al Bilayer Films by Laser Beam Irradiation," <i>Journal of Applied Physics</i> 55(1):223-229, January 1, 1984.

EXAMINER

DATE CONSIDERED

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	December 30, 2003	2655 1356

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>h</i>	BA	5,297,132	03/22/94	Takano et al.	369	284	
<i>h</i>	BB	5,325,351	06/28/94	Uchiyama et al.	369	275.1	
<i>h</i>	BC	5,401,330	03/28/95	Saito et al.	136	259	
<i>h</i>	BD	5,414,451	05/09/95	Sugiyama et al.	347	258	
<i>h</i>	BE	5,458,941	10/11/95	Hintz	428	64.4	
<i>h</i>	BF	5,656,370	08/12/97	Murakami et al.	428	332	
<i>h</i>	BG	5,912,104	06/15/99	Hirotsune et al.	430	270.13	
<i>h</i>	BH	5,948,496	09/07/99	Kinoshita et al.	428	64.1	
<i>h</i>	BI	6,033,752	03/01/00	Suzuki et al.	428	64.1	
<i>h</i>	BJ	6,096,399	08/01/00	Yoshinari et al.	428	64.1	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
	BK	62-204442	09/09/87	JP (+English Abstract only)		
	BL	62-245545	10/26/87	JP (+ Abstract in English)		
	BM	01-158633	06/21/89	JP (+ Abstract in English)		
	BN	2-152029	06/12/90	JP (+ Abstract in English)		
	BO	0 474 311 A1	03/11/92	EP		
	BP	4-86283	03/18/92	JP (+ Abstract in English)		
	BQ	4-226785	08/17/92	JP (+ Abstract in English)		
	BR	0 350 078 B1	03/05/94	EP		
	BS	6-171236	06/21/94	JP (+ Abstract in English)		

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

BT	
EXAMINER	DATE CONSIDERED
<i>h</i>	9/20/08
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	890050.454	10/748,979
	APPLICANTS	
	Koji Mishima et al.	
	FILING DATE	GROUP ART UNIT
	December 30, 2003	2639 1256

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>u</i>	CA	6,111,851	08/29/00	Ohki et al.	369	286	
<i>u</i>	CB	6,143,469	11/07/00	Ohta et al.	430	270.13	
<i>u</i>	CC	6,210,860	04/03/01	Fukano et al.	430	270.12	
<i>u</i>	CD	6,231,945	05/15/01	Miyamoto et al.	429	64.1	
<i>u</i>	CE	6,254,966	07/03/01	Kondo	428	156	
<i>u</i>	CF	6,266,299	07/24/01	Oshima et al.	369	13	
<i>u</i>	CG	6,355,326	03/12/02	Lee et al.	428	64.1	
<i>u</i>	CH	6,449,239	09/10/02	Uno et al.	369	275.1	
<i>u</i>	CI	6,551,679	04/22/03	Kuroda et al.	428	64.1	
<i>u</i>	CJ	6,608,799	08/19/03	Hozumi	369	13.26	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
u	CK	0 822 543 A1	02/04/98	EP		
u	CL	10-76755	03/24/98	JP (+ Abstract in English)		
u	CM	10-134919	05/22/98	JP		
u	CN	0 978 831 A2	02/09/00	EP		
u	CO	2000-187884	07/04/00	JP (+ Abstract in English)		
u	CP	1 028 421 A2	08/16/00	EP		
u	CQ	1 139 340 B1	04/10/01	EP		
u	CR	2001-243655	09/07/01	JP (+ Abstract in English)		
u	CS	1 154 413 A2	11/14/01	EP		

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

CT	
EXAMINER	DATE CONSIDERED
<i>u</i>	9/28/06

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U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				ATTY. DOCKET NO. 890050.454		APPLICATION NO. 10/748,979	
				APPLICANTS Koji Mishima et al.			
				FILING DATE December 30, 2003		GROUP ART UNIT 2655 1256	

U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>u</i>	DA	6,636,477	10/21/03	Miyamoto et al.	369	286	
<i>u</i>	DB	6,656,559	12/02/03	Mizushima et al.	428	64.1	
<i>u</i>	DC	6,788,635	09/01/04	Aratani et al.	369	100	
<i>u</i>	DD	6,805,935	10/19/04	Ashida et al.	428	64.1	
<i>u</i>	DE	6,807,142	10/19/04	Nagata et al.	369	275.2	
<i>u</i>	DF	6,841,218	01/11/05	Hosoda et al.	428	64.1	
<i>u</i>	DG	6,982,111	01/03/06	Mizushima et al.	428	64.1	
<i>u</i>	DH	7,002,887	02/21/06	Kakiuchi et al.	369	5.12	
<i>u</i>	DI	2001/0012257	08/09/01	Suzuki et al.	369	94	
<i>u</i>	DJ	2001/0021160	09/13/01	Shuy et al.	369	100	

FOREIGN PATENT DOCUMENTS						
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
DK	WO 01/93256 A1	12/06/01	WIPO			
DL	1330368 A	01/09/02	CN			
DM	1 172 811 A2	01/16/02	EP			
DN	1 178 472 A2	02/06/02	EP			
DO	2002-104317	04/10/02	JP (+ Abstract in English)			
DP	2002-120458	04/23/02	JP (+ Abstract in English)			
DQ	2002-269808	09/20/02	JP (+ Abstract in English)			
DR	0 947 351 B1	09/25/02	EP			
DS	2003-54135	02/26/03	JP (+ Abstract in English)			
DT	2003-85778	03/20/03	JP (+ Abstract in English)			
DU	1 351 230 A2	10/08/03	EP			

EXAMINER <i>u</i>	DATE CONSIDERED <i>9/28/06</i>
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U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>u</i>	EA	2001/0044002	11/22/01	Shingai et al.	428	64.4	
<i>u</i>	EB	2001/0044073	11/22/01	Fukano et al.	430	270.12	
<i>u</i>	EC	2002/0060979	05/23/02	Tsukuda et al.	369	275.4	
<i>u</i>	ED	2002/0076646	06/20/02	Zhou et al.	430	270.13	
<i>u</i>	EE	2003/0086359	05/08/03	Lee et al.	369	275.3	
<i>u</i>	EF	2003/0165111	09/04/03	Flynn	369	288	
<i>u</i>	EG	2003/0190551	10/09/03	Aoshima et al.	430	270.12	
<i>u</i>	EH	2003/0202452	10/30/03	Mishima et al.	369	112.23	
<i>u</i>	EI	2003/0224215	12/04/03	Kondo et al.	429	694 ML	
<i>u</i>	EJ	2004/0001418	01/01/04	Shinotsuka et al.	369	111	
<i>u</i>	EK	2004/0018334	01/29/04	Nee	428	64.1	
<i>u</i>	EL	2004/0027973	02/12/04	Aoshima et al.	369	121	
<i>u</i>	EM	2004/0038080	02/26/04	Inoue et al.	428	694 SC	
<i>u</i>	EN	2004/0052194	03/18/04	Inoue et al.	369	112.23	
<i>u</i>	EO	2004/0076907	04/22/04	Inoue et al.	430	270.12	
<i>u</i>	EP	2004/0110086	06/10/04	Kakiuchi et al.	430	270.12	
<i>u</i>	EQ	2004/0152016	08/05/04	Mishima et al.	430	270.12	
<i>u</i>	ER	2004/0157158	08/12/04	Kakiuchi et al.	430	270.12	

FOREIGN PATENT DOCUMENTS					
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EXAMINER 	DATE CONSIDERED 9/20/02
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*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>u</i>	FA	2004/0174804	09/09/04	Kakiuchi et al.	369	275.4	
<i>u</i>	FB	2004/0191685	09/30/04	Kakiuchi et al.	430	270.11	
<i>u</i>	FC	2004/0241581	12/02/04	Kakiuchi et al.	430	270.12	
<i>u</i>	FD	2005/0018590	01/21/05	Inoue et al.	369	275.2	
<i>u</i>	FE	2005/0018591	01/21/05	Inoue et al.	369	275.2	
<i>u</i>	FF	2005/0018592	01/21/05	Inoue et al.	369	275.2	
<i>u</i>	FG	2005/0047301	03/03/05	Inoue et al.	369	94	
<i>u</i>	FH	2005/0047302	03/03/05	Inoue et al.	369	94	
<i>u</i>	FI	2005/0047303	03/03/05	Inoue et al.	369	94	
<i>u</i>	FJ	2005/0047304	03/03/05	Inoue et al.	369	94	
<i>u</i>	K	2005/0047305	03/03/05	Inoue et al.	369	94	
<i>u</i>	FAL	2005/0048249	03/03/05	Inoue et al.	428	64.4	
<i>u</i>	FM	2005/0052194	03/10/05	Kister et al.	324	755	
<i>u</i>	FN	2005/0074306	04/07/05	Montresor	409	179	

FOREIGN PATENT DOCUMENTS						
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
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OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)			
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FORM PTO-1449
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
890050.454APPLICATION NO.
10/748,979

APPLICANTS

Koji Mishima et al.

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GROUP ART UNIT

2655

INFORMATION DISCLOSURE STATEMENT
(Use several sheets if necessary)

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	AA					
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FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
<i>u</i>	AK	1 172 811 A2	01/16/02	EP		
<i>q</i>	AL	1 195 756 A2	04/10/02	EP		
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	AN					
	AO					

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Sheet 1 of 1

FORM PTO-1449 (REV. 7-80)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 890050.454	APPLICATION NO. 10/ 748979
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		APPLICANTS Koji Mishima et al.	
		FILING DATE December 30, 2003	GROUP ART UNIT 1356

U.S. PATENT DOCUMENTS

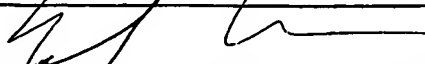
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	AI						
	AJ						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
	AK	2001-243655	09/07/01	JP (+ Abstract in English)		
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	AM					
	AN					
	AO					

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